

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A valve assembly, comprising:
 - an orifice member defining a first surface, the orifice member having an inlet and an outlet;
 - a plunger that is movable relative to the orifice member;
 - a first guide spring situated between the orifice member and the plunger and having a portion securedly attached to a first end of the plunger, the first guide spring defining a second surface, the second surface being sealable against the first surface to prevent fluid flow between the inlet and the outlet.
2. (Original) The valve assembly of claim 1, wherein the first spring is attached to the first end of the plunger by a spot weld.
3. (Original) The valve assembly of claim 2, wherein the first spring defines an opening therein, wherein the first spring is welded to the plunger opposite the opening.
4. (Original) The valve assembly of claim 1, further comprising a second guide spring attached to a second end of the plunger.
5. (Currently Amended) The valve assembly of claim 1, further comprising:
 - a valve body, and
 - a seal member situated between the orifice member and the ~~flow~~ valve body.
6. (Original) The valve assembly of claim 5, wherein the seal member comprises a nickel washer.
7. (Currently Amended) The valve assembly of claim 1, further comprising an elastomeric insert received in an opening defined by the plunger.
8. (Original) The valve assembly of claim 1, wherein the valve is normally closed.

9. (Original) The valve assembly of claim 1, wherein the valve is normally open.
10. (Original) The valve assembly of claim 4, wherein the second guide spring comprises a flat spring.
11. (New) A valve assembly comprising:
 - a pole and coil assembly operable to induce a magnetic flux when energized;
 - a plunger having a proximal end and a distal end, said plunger movable between an open position and a closed position in response to said pole and coil assembly being energized;
 - an orifice member having an inlet, an outlet and a first sealing surface; and
 - a first guide spring having a second sealing surface, said first guide spring located between said plunger and said orifice member and secured to said plunger distal end, wherein said second sealing surface sealingly engages said first sealing surface when said plunger is in said closed position whereby fluid flow between said inlet and said outlet is prevented.
12. (New) The valve assembly of claim 11 wherein said first and second sealing surfaces are substantially co-planar when said plunger is in said closed position.
13. (New) The valve assembly of claim 11 wherein said plunger is moved to said open position when said pole and coil assembly is energized.
14. (New) The valve assembly of claim 11 further comprising a second guide spring located between said pole and coil assembly and said plunger proximal end.
15. (New) The valve assembly of claim 14 wherein said second guide spring biases said plunger in said closed position.
16. (New) The valve assembly of claim 14 wherein said second guide spring is secured to said plunger proximal end.
17. (New) A valve assembly comprising:
 - a pole and coil assembly operable to induce a magnetic flux when energized;

a plunger having a proximal end and a distal end, said plunger movable between an open position and a closed position in response to said pole and coil assembly being energized;

an orifice member having an inlet, an outlet and a first sealing surface;

a valve body having an inlet and an outlet, wherein said valve body inlet is in fluid communication with said orifice member inlet and said valve body outlet is in fluid communication with said orifice member outlet; and

a guide spring having a second sealing surface, said guide spring located between said plunger and said orifice member and secured to said plunger distal end, wherein said second sealing surface sealingly engages said first sealing surface when said plunger is in said closed position whereby fluid flow between said orifice member inlet and said orifice member outlet is prevented.

18. (New) The valve assembly of claim 17 said first and second sealing surfaces are substantially co-planar when said plunger is in said closed position.
19. (New) The valve assembly of claim 17 wherein said plunger is moved to said open position when said pole and coil assembly is energized.
20. (New) The valve assembly of claim 17 wherein said guide spring biases said plunger in said closed position.